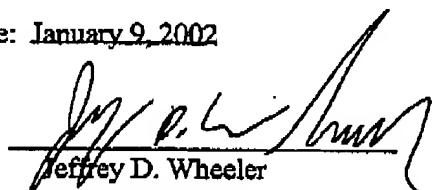


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Case No. 13438US01

PATENT

Applicants:) EXPRESS MAIL
 Wakayama et al.)
 Serial No.: 09/456,230) Express Mail Label No. EL283615795US
 Filed: December 7, 1999) Date: January 9, 2002
 For: LOW JITTER HIGH PHASE)
 RESOLUTION PLL-BASED)
 TIMING RECOVERY SYSTEM) By: 
 Group Art Unit: 2816) Jeffrey D. Wheeler
 Examiner: A. Tra) Reg. No. 39,066
)
) EL283615795US

AMENDMENT TRANSMITTAL

Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

Each item listed below is transmitted herewith:

[X] An amendment in the above-identified application.

The fees, if any, due with this amendment are based on the large entity fee schedule.

The extra claim fees are calculated as follows:

Large Entity Fees

	Claims Remaining After Amendment	Highest Number Previously Paid For	Extra Claims	Rate Per Extra Claim	Fee
Total claims	6 -	22 =	0	x \$18 . . .	\$.00
Indep claims	2 -	3 =	0	x \$84 . . .	\$.00
Multiple dependent claim presented (\$280 if any present)			...		\$.00

JUL-30-2002 17:05

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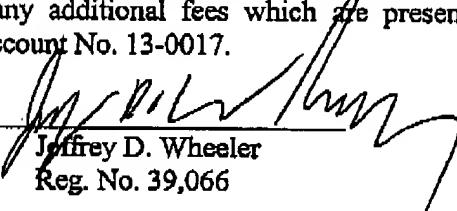
312 707 9155 P.03/17

Total fee \$0.00

The following arrangements are being made to pay any government fees due.

[] A check for the total fee due in the amount of \$_____, calculated above, is enclosed. The Commissioner is hereby authorized to charge any additional fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

Date: January 9, 2002

By: 

Jeffrey D. Wheeler
Reg. No. 39,066

McANDREWS, HELD & MALLOY, LTD.
500 West Madison, 34th Floor
Chicago, IL 60661
312 775 8000

CUSTOMER NO.
23446



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PATENT TRADEMARK OFFICE

McANDREWS, HELD & MALLOY, LTD

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TO: Quan Tra**FROM:** Christopher C. Winslade/Margaret Mitchell**DATE:** July 30, 2002**FACSIMILE NUMBER:** (703) 746-7234**CLIENT:** Broadcom/1772**MATTER:** 13438US01

Number of Pages This Transmission (Including Cover Page) 17

Re: 09/456,230

Per your conversation with Margaret Mitchell, we understand that our response to the final rejection dated July 13, 2001, has not been entered and as you instructed attached is everything we filed on January 9, 2002.

1. Amendment Transmittal (2 pgs)
2. Response to Final Office Action (12 pgs)
3. Petition for Three-Month Extension of Time (1 pg)
4. Copy of Postcard received by OIPE Jan 9, 2002(1 pg)

Please acknowledge receipt of this facsimile by faxing back this cover sheet.

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ASSISTANT COMMISSIONER FOR PATENTS

Sir: Please place the USPTO receipt stamp hereon and
place in outgoing mail to acknowledge receipt of:
Docket No: 13438U5U1

Applicant: Wakayama et al.

Serial No.: 09/454,230

Filed: 12/07/99

Transmittal

Fee \$ 920 (ck.)

Patent Application including:

Page(s) Cover Sheet

Page(s) Specification

Page(s) Claims #

Page(s) Abstract

Page(s) Drawings Formal

Response to Notice of Missing Parts

Declaration & POA Signed Unsigned

Amendment 12 Page(s)

Assignment Page(s) Cover Sheet Page(s)

IDS with PTO-1449 Page(s)

Cited References

Other 3 - mo. ext. of time

Amdt. trans.

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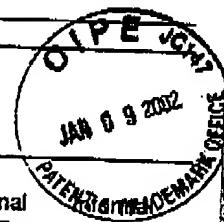
Express Mail Label No. EL283615795US

Dated: 01/09/02

Respectfully: MCANDREWS, HELD & MALLOY, LTD.

Attorneys for Applicant

:pw:son



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